

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

(43) International Publication Date
29 December 2004 (29.12.2004)

PCT

(10) International Publication Number
WO 2004/114225 A1

(51) International Patent Classification⁷: G07C 1/30, 5/02

(21) International Application Number:
PCT/DK2004/000450

(22) International Filing Date: 25 June 2004 (25.06.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
PA 2003 00953 25 June 2003 (25.06.2003) DK

(71) Applicant (for all designated States except US): BENT
NEUBAUER HOLDING ApS [DK/DK]; Strandvejen 12,
DK-7120 Vejle Ø (DK).

(72) Inventor; and

(75) Inventor/Applicant (for US only): NEUBAUER, Bent
[DK/DK]; Strandvejen 12, DK-7120 Vejle Ø (DK).

(74) Agent: PATRADE A/S; Fredens Torv 3A, DK-8000
Aarhus C (DK).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

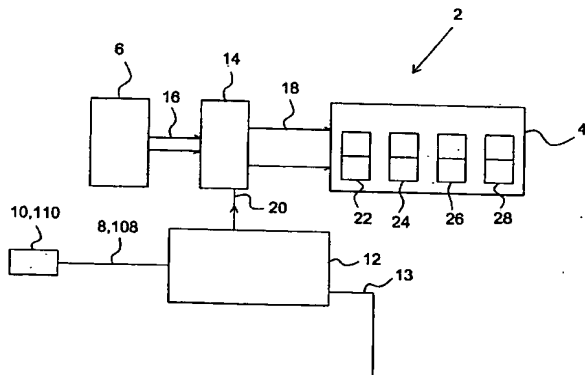
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: ELECTRONIC PARKING DISC



(57) Abstract: The present invention concerns a parking disc for mounting on a vehicle where the parking disc is placed visible from outside, where the parking disc includes means for at least externally indicating a time for initiation of the parking, where means for indicating the time consists of an electronic display which during normal driving shows the actual time and where the display during parking constantly shows the time of initiation of the parking. It is the purpose of the invention to provide an electronic parking disc that keeps showing the time of the initiation of the parking even if the ignition of the vehicle is turned on, and where switching to display of actual time only occurs after fulfilling operation conditions in a way that do not allow remote operation. This may be achieved with a parking disc as the one described in the introduction, if the parking disc is designed so that switching the display when resuming driving is effected on the basis of an electric signal from at least one detector that determines an actual relative movement of the vehicle, where the switching of the display occurs after determining a minimum value of the movement of the vehicle. Hereby may be achieved that the electronic parking disc continues to show a fixed time the indicates initiation of the parking until the mentioned detector has determined movement of the vehicle. This may e.g. be that the vehicle has moved a number of meters in relations to the point at which parking has been initiated.

WO 2004/114225 A1